Gap

Puzzle solving using Prolog constraints

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² Logical Programing Course, Class 3MIEIC03, Group Gap Puzzle_5

Abstract. The abstract should briefly summarize the contents of the paper in 150–250 words.

Keywords: First keyword \cdot Second keyword \cdot Another keyword.

- 1 Introduction
- 2 Problem Description
- 3 Approach
- 3.1 Decision Variables
- 3.2 Constraints
- 3.3 Evaluation Function
- 4 Search Strategy
- 5 Solution Presentation
- 6 Results
- 7 Conclusions and Future Work

References

- 1. Author, F.: Article title. Journal 2(5), 99–110 (2016)
- 2. Author, F., Author, S.: Title of a proceedings paper. In: Editor, F., Editor, S. (eds.) CONFERENCE 2016, LNCS, vol. 9999, pp. 1–13. Springer, Heidelberg (2016). https://doi.org/10.10007/1234567890
- 3. Author, F., Author, S., Author, T.: Book title. 2nd edn. Publisher, Location (1999)
- Author, A.-B.: Contribution title. In: 9th International Proceedings on Proceedings, pp. 1–2. Publisher, Location (2010)
- 5. LNCS Homepage, http://www.springer.com/lncs. Last accessed 4 Oct 2017

8 Introduction

8.1 A Subsection Sample

Please note that the first paragraph of a section or subsection is not indented. The first paragraph that follows a table, figure, equation etc. does not need an indent, either.

Subsequent paragraphs, however, are indented.

Sample Heading (Third Level) Only two levels of headings should be numbered. Lower level headings remain unnumbered; they are formatted as run-in headings.

Sample Heading (Fourth Level) The contribution should contain no more than four levels of headings. Table 1 gives a summary of all heading levels.

Heading level Example Font size and style

Title (centered)
1st-level heading
2nd-level heading
3rd-level heading
Run-in Heading in Bold. Text follows

Font size and style
14 point, bold
12 point, bold
10 point, bold
10 point, bold

Table 1. Table captions should be placed above the tables.

Displayed equations are centered and set on a separate line.

4th-level heading Lowest Level Heading. Text follows

$$x + y = z \tag{1}$$

10 point, italic

Please try to avoid rasterized images for line-art diagrams and schemas. Whenever possible, use vector graphics instead (see Fig. 1).

Theorem 1. This is a sample theorem. The run-in heading is set in bold, while the following text appears in italics. Definitions, lemmas, propositions, and corollaries are styled the same way.

Proof. Proofs, examples, and remarks have the initial word in italics, while the following text appears in normal font.

For citations of references, we prefer the use of square brackets and consecutive numbers. Citations using labels or the author/year convention are also acceptable. The following bibliography provides a sample reference list with entries for journal articles [1], an LNCS chapter [2], a book [3], proceedings without editors [4], and a homepage [5]. Multiple citations are grouped [1–3], [1,3–5].

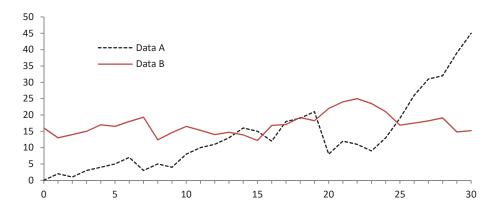


Fig. 1. A figure caption is always placed below the illustration. Please note that short captions are centered, while long ones are justified by the macro package automatically.

References

- 1. Author, F.: Article title. Journal **2**(5), 99–110 (2016)
- 2. Author, F., Author, S.: Title of a proceedings paper. In: Editor, F., Editor, S. (eds.) CONFERENCE 2016, LNCS, vol. 9999, pp. 1–13. Springer, Heidelberg (2016). https://doi.org/10.10007/1234567890
- 3. Author, F., Author, S., Author, T.: Book title. 2nd edn. Publisher, Location (1999)
- 4. Author, A.-B.: Contribution title. In: 9th International Proceedings on Proceedings, pp. 1–2. Publisher, Location (2010)
- 5. LNCS Homepage, http://www.springer.com/lncs. Last accessed 4 Oct 2017